Finale Viewer™

Digital Sheet Music Distribution on the Internet

FINALE®, the world's best-selling and most popular music notation software, now provides publishers an easy, fast, secure and professional solution for distributing digital sheet music on the Internet.

Finale Viewer Software

- The Finale Viewer displays and prints Finale music notation files in a web browser.
- Allows publishers to make Finale music files available for preview and purchase from the publisher's web site.
- The Finale Viewer is available for both Windows and Macintosh computers.
- Customers can download the Finale Viewer software by clicking on a link to the Finale web site.

Finale Viewer Publishing Kit – Available for Music Publishers Only

The Finale Viewer Publishing Kit includes:
- FILE ENCRYPTION UTILITY to create secure Finale music files.
- LOCK SERVER UTILITY for handling secure printing transactions on your web site.
- SAMPLE WEB PAGES to use as a model for developing the digital sheet music sales pages for your web site.
- SOURCE CODE for Lock server utility and sample web pages.
- DOCUMENTATION AND TECHNICAL SUPPORT from MakeMusic.

Using Finale technology allows you to make the most of your Finale music notation files to increase sheet music sales, lower costs and provide greater customer access to your catalog.

For more information, please e-mail FinaleViewerInfo@makemusic.com

Customer Experience and Software Details

Preview Mode and Purchase Mode
- The Finale Viewer supports two modes: Preview mode and Purchase mode.
- Finale music files open in the browser in Preview mode by default.
- Files are viewed in Preview mode until the customer purchases the printing rights from the publisher's web site.
- Printing rights can be purchased at any time by clicking on the Shopping Cart button.
- Upon purchase, the Viewer's behavior changes allowing full access to the music file until all of the purchased print rights are used.
- Customer must be on-line to print.
- All print transactions are stored in a database on the publisher's website.
- Print rights can be purchased multiple times from a single file.

Customer Experience in Preview Mode
- Download the Finale Viewer from the Finale website and install it.
- Browse for sheet music on the publisher's web page.
- Price, title, and file information appear on the web page.
- Press the Preview button.
- Finale music file is downloaded to the customer's computer and opens in the Finale Viewer.
- Customer can listen to 30 seconds of playback only.
- Customer can change key and change solo instrument.
- Customer can print the first page for free with a watermark defined by the publisher.

Customer Experience in Purchase Mode
- Add music to the shopping cart on the publisher's web page.
- Continue to browse music and add items to the shopping cart.
- Go to secure checkout (https).
- Create an account on the publisher's website.
- Purchase music with a credit card.
- Unique transaction ID appears in a browser window and is e-mailed to the customer.
- Click on the link to View and Print Sheet Music.
- Finale music file opens in the Finale Viewer.
- Press the Print button.
- Publisher server sends printing authorization.
- Entire file is printed.
- Finale Viewer returns printing success/failure message to the publisher server.
- Publisher server updates the database of printing rights.

Accessing the Music after it is Purchased
- Customer enters their e-mail address and Transaction ID to log into the My Sheet Music area on the publisher's web site.
- Customer clicks on the Transaction ID hyperlink in the e-mail which opens the My Sheet Music area on the publisher's web site.
- Click on the link to View and Print Sheet Music.

Publisher Music Definitions
- Product ID
- Location of secure Finale music file on publisher's server
- Preview playback limit (seconds, measures, or pages)
- Preview display limit (pages)
- Preview print limit (pages)
- Preview print watermark text
- Solo instrument staff number
- Allow solo instrument transpose (Y/N)
- Allow solo instrument change (Y/N)

Finale Viewer User Interface

The Finale Viewer user interface contains the following controls:
- About Box (check for upgrades)
- Fit Width
- Fit Height
- Play/Stop
- Start Measure
- System Volume
- Tempo
- Print
- Change Instrument and Key (change key, solo instrument, or octave)
- Help
- Page Controls
- Scroll Bars

System Requirements

Windows
2000/XP
IE 5.1 or higher
128MB RAM
800 x 600 monitor

Macintosh
OS 10.3.9 or higher
Safari 1.0 or higher
Firefox 1.0 or higher
128MB RAM
800 x 600 monitor

Publisher Deployment Details

The Finale Viewer sample code is a set of PHP scripts designed to demonstrate how to implement the Finale Viewer in a secure shopping environment. The technologies used are PHP with a MySQL database. The sample site has the following components:

- The Lock Server – This is a single PHP script that processes all of the Lock Server transactions.
- Finale Viewer Page – This is a PHP page that displays the Finale Viewer control.
- The Administration Section – This section is used to maintain the Lock Server database. The following functions are performed within this section:
    - Setup
        - Maintain global parameters
        - Batch upload music definitions
        - Download the MUS file encryption utility
    - Maintain purchase transactions
    - Add/Edit/Delete music definitions
- Sample Shopping Section – The sample shopping section contains code that demonstrates all of the calls that are required within a site's shopping cart to interface with the Lock Server. The sample site has a very basic shopping cart interface, checkout screen and an account screen (to demonstrate the mass-print function). When a customer places an order an email is sent to them containing a link that will unlock the transaction for printing.
- Sample Shopping Catalog Admin – This is an administration section where the user can maintain products available in the sample shopping site.
- Database Files – There are two databases used in the sample code; one for the Lock Server definition and transactions, the second for the sample shopping site.

Deployment of the sample code is three basic steps. The instructions assume that you have a web server with PHP and MySQL installed. The steps to install the sample code are:

1) Unzip the sample code in the root of the web directory
2) Create the SQL databases
3) Update the PHP configuration file: cfg.php

Customization of Sample Code Pages

After you have successfully deployed the sample code pages, you will need to integrate them into your own e-commerce environment and customize the pages with your own branding and publisher specific content.

This integration and customization process will require the services of a web development engineer with experience using the following technologies:
> PHP
> JavaScript
> HTML
> XML

MakeMusic will provide you with technical support for deploying the sample code pages, but you are responsible for the integration and customization of the Finale Viewer web pages on your own web site.

Support for Customers Using the Finale Viewer

The publisher is responsible for providing support to customers who have questions about previewing music, printing purchased music, or their account. MakeMusic will provide online support to customers who have technical questions about using the Finale Viewer software.